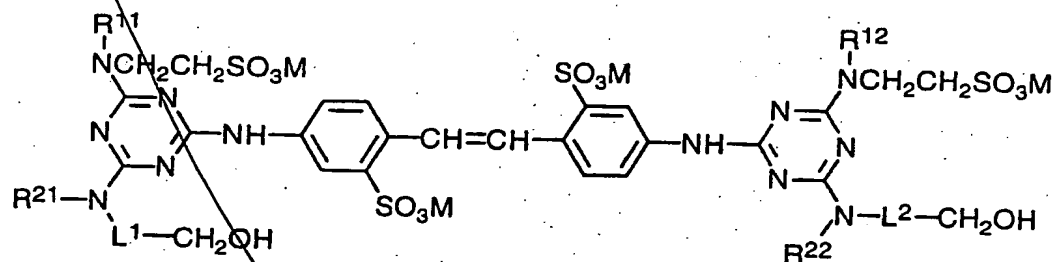


What is claimed is:

1. 4,4'-Bis(1,3,5-triazinylamino)stilbene-2,2'-  
5 disulfonic acid derivative having the following formula:



in which

each of  $R^{11}$  and  $R^{12}$  independently is a hydrogen atom,  
15 an alkyl group having 1 to 20 carbon atoms, or an alkyl  
group having 1 to 20 carbon atoms which has one or more  
substituents selected from the group consisting of hy-  
droxyl, sulfo, and alkoxy;

$R^{21}$  is a hydrogen atom, an alkyl group having 1 to 20  
20 carbon atoms, an alkyl group having 1 to 20 carbon atoms  
which has one or more substituents selected from the  
group consisting of hydroxyl, sulfo, and alkoxy, an aryl  
group having 6 to 20 carbon atoms, an aryl group having 6  
to 20 carbon atoms which has one or more substituents  
25 selected from the group consisting of hydroxyl, carboxyl,  
alkyl, or alkoxy, or a group represented by the formula  
of  $-L^1-CH_2OH$  wherein  $L^1$  is an alkylene group having 2 to 8  
carbon atoms which has one or more substituents selected  
from the group consisting of hydroxyl and hydroxylalkyl  
30 having 1 to 3 carbon atoms or which has an intervening  
ether bonding;

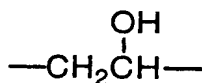
$R^{22}$  is a hydrogen atom, an alkyl group having 1 to 20  
carbon atoms, an alkyl group having 1 to 20 carbon atoms  
which has one or more substituents selected from the  
35 group consisting of hydroxyl, sulfo, and alkoxy, an aryl  
group having 6 to 20 carbon atoms, an aryl group having 6

to 20 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl, carboxyl, alkyl, or alkoxy, or a group represented by the formula of  $-L^2-CH_2OH$  wherein  $L^2$  is an alkylene group having 2 to 8 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl and hydroxylalkyl having 1 to 3 carbon atoms or which has an intervening ether bonding; and

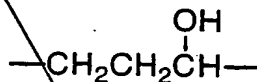
M is a hydrogen atom, an alkali metal atom, an alkaline earth metal atom, ammonium group, or pyridinium group.

2. 4,4'-Bis(1,3,5-triazinylamino)stilbene-2,2'-disulfonic acid derivative of claim 1, wherein at least one of  $L^1$  and  $L^2$  is a divalent group which is represented by one of the following formulas 1) to 5):

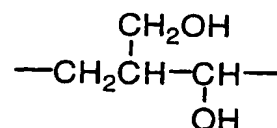
1)



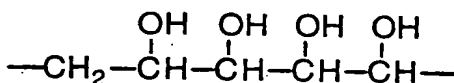
2)



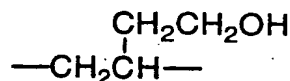
3)



4)

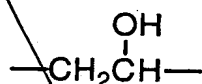


5)

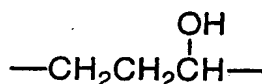


3. 4,4'-Bis(1,3,5-triazinylamino)stilbene-2,2'-disulfonic acid derivative of claim 1, wherein at least one of  $L^1$  and  $L^2$  is a divalent group which is represented by one of the following formulas 1) to 4):

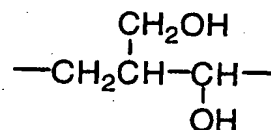
1)



2)

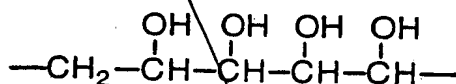


3)



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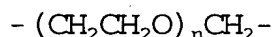
4)



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4. 4,4'-Bis(1,3,5-triazinylamino)stilbene-2,2'-disulfonic acid derivative of claim 1, wherein at least one of L<sup>1</sup> and L<sup>2</sup> is a divalent group which is represented by the following formula:

15



in which n is an integer of 1 to 3.

20

5. 4,4'-Bis(1,3,5-triazinylamino)stilbene-2,2'-disulfonic acid derivative of claim 4, wherein n in the formula is 1 or 2.

25

6. 4,4'-Bis(1,3,5-triazinylamino)stilbene-2,2'-disulfonic acid derivative of claim 1, wherein each of R<sup>11</sup> and R<sup>12</sup> in the formula independently is hydrogen or methyl.

30

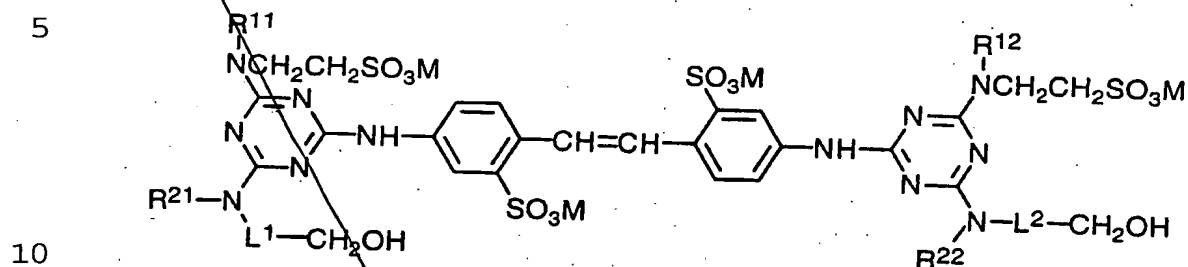
7. 4,4'-Bis(1,3,5-triazinylamino)stilbene-2,2'-disulfonic acid derivative of claim 1, wherein each of R<sup>21</sup> and R<sup>22</sup> in the formula independently is hydrogen, methyl, ethyl, isopropyl, 2-hydroxyethyl, 2-hydroxypropyl, 3-hydroxypropyl, 2,3-dihydroxypropyl, 2-(2-hydroxyethoxy)-ethyl, 2-[2-(2-hydroxyethoxy)ethoxy]ethyl, phenyl, or 4-hydroxyphenyl.

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8. An aqueous solution in which a 4,4'-bis(1,3,5-triazinylamino)stilbene-2,2'-disulfonic acid derivative having the following formula is dissolved in water:



in which

each of R<sup>11</sup> and R<sup>12</sup> independently is a hydrogen atom, an alkyl group having 1 to 20 carbon atoms, or an alkyl group having 1 to 20 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl, sulfo, and alkoxy;

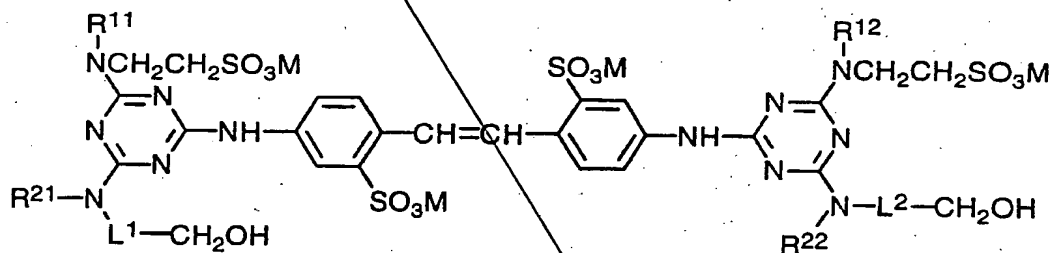
R<sup>21</sup> is a hydrogen atom, an alkyl group having 1 to 20 carbon atoms, an alkyl group having 1 to 20 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl, sulfo, and alkoxy, an aryl group having 6 to 20 carbon atoms, an aryl group having 6 to 20 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl, carboxyl, alkyl, or alkoxy, or a group represented by the formula of -L<sup>1</sup>-CH<sub>2</sub>OH wherein L<sup>1</sup> is an alkylene group having 2 to 8 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl and hydroxylalkyl having 1 to 3 carbon atoms or which has an intervening ether bonding;

R<sup>22</sup> is a hydrogen atom, an alkyl group having 1 to 20 carbon atoms, an alkyl group having 1 to 20 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl, sulfo, and alkoxy, an aryl group having 6 to 20 carbon atoms, an aryl group having 6 to 20 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl, carboxyl,

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alkyl, or alkoxy, or a group represented by the formula  
of  $-L^2-CH_2OH$  wherein  $L^2$  is an alkylene group having 2 to 8  
carbon atoms which has one or more substituents selected  
from the group consisting of hydroxyl and hydroxylalkyl  
having 1 to 3 carbon atoms or which has an intervening  
ether bonding; and

M is a hydrogen atom, an alkali metal atom, an alkali  
earth metal atom, ammonium group, or pyridinium  
group.

9. A method of brightening a surface of material  
with fluorescence which comprises applying onto the sur-  
face an aqueous solution in which a 4,4'-bis(1,3,5-tri-  
azinylamino)stilbene-2,2'-disulfonic acid derivative  
having the following formula is dissolved in water:



in which

each of  $R^{11}$  and  $R^{12}$  independently is a hydrogen atom,  
an alkyl group having 1 to 20 carbon atoms, or an alkyl  
group having 1 to 20 carbon atoms which has one or more  
substituents selected from the group consisting of hy-  
droxyl, sulfo, and alkoxy;

$R^{21}$  is a hydrogen atom, an alkyl group having 1 to 20  
carbon atoms, an alkyl group having 1 to 20 carbon atoms  
which has one or more substituents selected from the  
group consisting of hydroxyl, sulfo, and alkoxy, an aryl  
group having 6 to 20 carbon atoms, an aryl group having 6  
to 20 carbon atoms which has one or more substituents  
selected from the group consisting of hydroxyl, carboxyl,  
alkyl, or alkoxy, or a group represented by the formula

of  $-L^1-CH_2OH$  wherein  $L^1$  is an alkylene group having 2 to 8 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl and hydroxylalkyl having 1 to 3 carbon atoms or which has an intervening ether bonding;

$R^{22}$  is a hydrogen atom, an alkyl group having 1 to 20 carbon atoms, an alkyl group having 1 to 20 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl, sulfo, and alkoxy, an aryl group having 6 to 20 carbon atoms, an aryl group having 6 to 20 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl, carboxyl, alkyl, or alkoxy, or a group represented by the formula of  $-L^2-CH_2OH$  wherein  $L^2$  is an alkylene group having 2 to 8 carbon atoms which has one or more substituents selected from the group consisting of hydroxyl and hydroxylalkyl having 1 to 3 carbon atoms or which has an intervening ether bonding; and

M is a hydrogen atom, an alkali metal atom, an alkaline earth metal atom, ammonium group, or pyridinium group.

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